**UNITRONIC®** 

CAN bus Bus cable & connectors

# **UNITRONIC® BUS CAN TRAY**

For CAN bus systems; stationary tray applications; 120  $\Omega$ 

#### LAPP KABEL STUTTGART UNITRONIC® BUS CAN TRAY



UNITRONIC® BUS CAN TRAY is designed to the CAN open and ISO 11898 standard. It is well-suited for high-speed motion control and feedback loop applications, providing both high reliability and efficient use of network bandwidth.

## Recommended applications

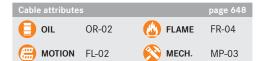
Stationary cable tray applications; motion control systems; assembly, welding, and material handling machines; single-cable wiring for multi-input sensor blocks; smart sensors; pneumatic valves; barcode readers; operator interfaces

### Approvals









#### Construction

Conductors: 7-wire strands of bare copper

<u>Inner jacket:</u> PVC; violet <u>Shielding:</u> tinned copper braid

Jacket: PVC; violet

## Application advantage

- Designed for tray applications (PLTC-ER)
- · Highly flame retardant
- · Oil-resistant jacket
- Maximum bit rate: 1 Mbit/s @ 40 m
- · Sunlight resistant





SKINTOP® MS-SC page 522



EPIC® DATA connectors page 186

#### Technical data

Minimum bend radius: 8 x cable diameter Color code: DIN 47100: chart 8, page 682

Temperature range:

- for stationary use: -40°C to +80°C - for flexible use: -10°C to +70°C

Nominal voltage: 250V (not for power applications)

 $z_{\infty}$  Characteristic impedance: 120  $\Omega \pm 15\Omega$ 

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- pair 1: white & brown- pair 2: green & yellow

Approvals: UL: CMG per UL 444

PLTC-ER per UL 13 AWM 21695

Attributes: UL Oil Res I

sunlight resistant

Canada: CSA CMG FT 4

	Part	Conductor	Nominal outer diameter		Copper weight	Approx. weight	SKINTOP® MS-SC
	number	description	in	mm	lbs/mft	lbs/mft	PG thread
ĺ	2170857	22 AWG/2pr	0.296	7.5	24	54	53112220

185